

## INTERNATIONAL SEARCH REPORT

Inte  
nal Application No  
PCT/IB2004/004083

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D471/20 C07D495/20 A01N43/40  
 //((C07D471/20, 221:00, 221:00, 209:00), (C07D495/20, 333:00, 221:00  
 209:00)

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>CIGANEK: "Tertiary Carbinamines by Addition of Organocerium Reagents to Nitriles"  <i>J. ORG. CHEM.</i>,    vol. 57, 1992, pages 4521-4527,    XP002325113    Cpd. 23</p> <p>-----</p> <p>GENIN ET AL.: "Design and synthesis of a conformationally constrained analog of the bis(heteroaryl)piperazine (BHAP) HIV-1 reverse transcriptase inhibitor atevirdine"  <i>BIOORGANIC &amp; MEDICINAL CHEMISTRY LETTERS</i>,    vol. 5, no. 16, 1995, pages 1875-1880,    XP002325114    Cpd. I</p> <p>-----</p> <p>-/-</p>	12
X		12

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

26 April 2005

Date of mailing of the international search report

06/05/2005

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/27845 A (MERCK & CO., INC; BANYU PHARMACEUTICAL CO., LTD; GAO, YING-DUO; MACNEI) 18 May 2000 (2000-05-18) Examples -----	12
X	WO 02/094825 A (BANYU PHARMACEUTICAL CO., LTD; FUKAMI, TAKEHIRO; MORIYA, MINORU; SUGA,) 28 November 2002 (2002-11-28) Examples -----	12
A	WO 95/01358 A (BAYER AKTIENGESELLSCHAFT; FISCHER, REINER; BRETSCHNEIDER, THOMAS; KRUE) 12 January 1995 (1995-01-12) the whole document -----	1-12
P,A	WO 03/106457 A (SYNGENTA LIMITED; SYNGENTA PARTICIPATIONS AG; HUGHES, DAVID, JOHN; WOR) 24 December 2003 (2003-12-24) the whole document -----	1-12

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